

GenCore Version 4.5
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OM protein - protein search, using sw model

Run on: March 1, 2001, 16:19:15 ; Search time 46.88 Seconds

(without alignments)
10.725 Million cell updates/sec

Title: US-09-331-631A-32

Perfect score: 76

Sequence: 1 CXXXCXXCXXXXXXXXXXXXCXXCXXC 28

Scoring table:

BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A-COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B-COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6-COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/PCTUS-COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	76	100.0	47	3 US-08-482-085B-91	Sequence 91, Appl
2	76	100.0	1345	2 US-08-977-767-3	Sequence 3, Appl
3	67	88.2	47	1 US-08-451-947-93	Sequence 93, Appl
4	67	88.2	47	1 US-08-451-947-94	Sequence 94, Appl
5	67	88.2	47	1 US-08-451-947-95	Sequence 95, Appl
6	67	88.2	47	1 US-08-451-947-96	Sequence 96, Appl
7	67	88.2	47	2 US-08-424-826A-93	Sequence 93, Appl
8	67	88.2	47	2 US-08-424-826A-94	Sequence 94, Appl
9	67	88.2	47	2 US-08-424-826A-95	Sequence 95, Appl
10	67	88.2	47	2 US-08-424-826A-96	Sequence 96, Appl
11	67	88.2	47	3 US-08-928-694-93	Sequence 93, Appl
12	67	88.2	47	3 US-08-928-694-94	Sequence 94, Appl
13	67	88.2	47	3 US-08-928-694-95	Sequence 95, Appl
14	67	88.2	47	3 US-08-928-694-96	Sequence 96, Appl
15	67	88.2	47	4 PCT-US91-06950-93	Sequence 93, Appl
16	67	88.2	47	4 PCT-US91-06950-94	Sequence 94, Appl
17	67	88.2	47	4 PCT-US91-06950-95	Sequence 95, Appl
18	67	88.2	47	4 PCT-US91-06950-96	Sequence 96, Appl
19	67	88.2	109	3 US-08-527-044-2	Sequence 2, Appl
20	67	88.2	109	3 US-09-013-780-2	Sequence 2, Appl
21	67	88.2	246	2 US-08-704-931-2	Sequence 2, Appl
22	67	88.2	352	1 US-08-415-751-6	Sequence 6, Appl
23	67	88.2	456	3 US-08-746-559A-5	Sequence 5, Appl
24	67	88.2	516	3 US-08-746-559A-4	Sequence 4, Appl
25	67	88.2	624	3 US-08-422-108-1	Sequence 1, Appl
26	67	88.2	782	3 US-09-146-283-4	Sequence 4, Appl
27	67	88.2	782	3 US-08-579-823A-4	Sequence 4, Appl
28	67	88.2	801	1 US-07-906-349A-6	Sequence 6, Appl

ALIGNMENTS

RESULT 1
US-08-482-085B-91
Sequence 91, Application US/08482085B
Patent No. 6018030
GENERAL INFORMATION:
APPLICANT: Ferrari, Franco A.
APPLICANT: Richardson, Charles
APPLICANT: Chambers, James
APPLICANT: Causey, Stuart
APPLICANT: Pollock, Thomas J.
APPLICANT: Cappello, Joseph
APPLICANT: Crissman, John W.
TITLE OF INVENTION: No. 6018030el Peptides Comprising Repetitive
TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Encoding the Same
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,085B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/927,258
FILING DATE: 04-NOV-1986
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1987
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/175,155
FILING DATE: 29-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Treccartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-55186-6/RFT/MTK
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-781-1989
TELEFAX: 415-398-3249
INFORMATION FOR SEQ ID NO: 91:

SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-482-085B-91

Query Match 100.0%; Score 76; DB 3; Length 47;
Best Local Similarity 21.4%; Pred. No. 8.8;
Matches 6; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

OY 1 CXXCXXCXXCXXCXXCXXCXXCXXC 28
DB 17 CTACATGATGACACATCTGACATCC 44

RESULT 2

US-08-977-767-3

Sequence 3, Application US/08977767

Patent No. 5972684

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Yue, Henry

APPLICANT: Greenwald, Sara

APPLICANT: Corley, Neil C.

TITLE OF INVENTION: CARBONIC ANHYDRASE VIII

NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:

ADDRESS: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/977,767

FILING DATE: Herewith

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0423 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-855-0555

TELEFAX: 650-845-4166

TELEX:

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 1345 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: GenBank

CLONE: 1532042

US-08-977-767-3

Query Match 100.0%; Score 76; DB 2; Length 1345;
Best Local Similarity 21.4%; Pred. No. 2.5e+02;
Matches 6; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

OY 1 CXXCXXCXXCXXCXXCXXCXXCXXC 28

DB 1238 CCGCGGCTCTTCCCAAGCCTCCACAC 1265

RESULT 3

US-08-451-947-93

Sequence 93, Application US/08451947

Patent No. 5702906

GENERAL INFORMATION:

APPLICANT: GENENTECH, INC.

APPLICANT: ROSENTHAL, ARNON

TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR

NUMBER OF SEQUENCES: 100

CORRESPONDENCE ADDRESS:

ADDRESS: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: patn (genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/451,947

FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/426419

FILING DATE: 19-APR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/030013

FILING DATE: 22-MAR-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/648482

FILING DATE: 31-JAN

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/587707

FILING DATE: 1991

ATTORNEY/AGENT INFORMATION:

NAME: Torchia, Timothy E.

REGISTRATION NUMBER: 36,700

REFERENCE/DOCKET NUMBER: 666P2C1D2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-8674

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 93:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: amino acid

TOPOLOGY: linear

US-08-451-947-93

Query Match 88.2%; Score 67; DB 1; Length 47;
Best Local Similarity 18.5%; Pred. No. 41;
Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

OY 1 CXXCXXCXXCXXCXXCXXCXXCXXC 27

DB 1 CCGCGGCTCTTAGAGTGACAGACAGT 27

RESULT 4

US-08-451-947-94

Sequence 94, Application US/08451947

Patent No. 5702906

GENERAL INFORMATION:

APPLICANT: GENENTECH, INC.

APPLICANT: ROSENTHAL, ARNON

Db 1 CCGCGCGCTAGAGTCGACAAACAT 27

RESULT 9

US-08-424-826A-95

; Sequence 95, Application US/08424826A

; Patent No. 5830858

; GENERAL INFORMATION:

; APPLICANT: Rosenthal, Arnon

; TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR

; NUMBER OF SEQUENCES: 98

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WinPatIn (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/424,826A

; CLASSIFICATION: 514

; FILING DATE: 19-Apr-1995

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 08/240387

; FILING DATE: 10-May-1994

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 07/648482

; FILING DATE: 31-Jan-1991

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 07/587707

; FILING DATE: 25-Sep-1990

; ATTORNEY/AGENT INFORMATION:

; NAME: Torchia, Ph.D., Timothy E.

; REGISTRATION NUMBER: 36,700

; REFERENCE/DOCKET NUMBER: P0666P1C2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415/225-8674

; TELEFAX: 415/952-9881

; TELETYPE: 910/371-7168

; INFORMATION FOR SEQ ID NO: 95:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 47 amino acids

; TYPE: Amino Acid

; TOPOLOGY: Linear

US-08-424-826A-95

Query Match 88.2%; Score 67; DB 2; Length 47;

Best Local Similarity 18.5%; Pred. No. 41;

Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXCXXXXXxxxxxxxXcXcXcXx 27

Db 1 CCGCGCGCTAGAGTCGACAAACAGT 27

RESULT 10

US-08-424-826A-96

; Sequence 96, Application US/08424826A

; Patent No. 5830858

; GENERAL INFORMATION:

; APPLICANT: Rosenthal, Arnon

; TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR

; NUMBER OF SEQUENCES: 98

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatIn (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/424,826A

FILING DATE: 19-Apr-1995

CLASSIFICATION: 514

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 08/240387

FILING DATE: 10-May-1994

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 07/648482

FILING DATE: 31-Jan-1991

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 07/587707

FILING DATE: 25-Sep-1990

ATTORNEY/AGENT INFORMATION:

NAME: Torchia, Ph.D., Timothy E.

REGISTRATION NUMBER: 36,700

REFERENCE/DOCKET NUMBER: P0666P1C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415/225-8674

TELEFAX: 415/952-9881

TELETYPE: 910/371-7168

INFORMATION FOR SEQ ID NO: 96:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: Amino Acid

TOPOLOGY: Linear

US-08-424-826A-96

Query Match 88.2%; Score 67; DB 2; Length 47;

Best Local Similarity 18.5%; Pred. No. 41;

Matches 5; Conservative 22; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXCXXXXXxxxxxxxXcXcXcXx 27

Db 1 CCGCGCGCTAGAGTCGACAAACAGT 27

RESULT 11

US-08-928-694-93

; Sequence 93, Application US/08928694

; Patent No. 6037320

; GENERAL INFORMATION:

; APPLICANT: ROSENTHAL, ARNON

; TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR

; NUMBER OF SEQUENCES: 100

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 1 DNA Way

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WinPatIn (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/928,694

; FILING DATE: 12-Sep-1997

; CLASSIFICATION: 424

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 08/451947

; FILING DATE: 26-May-1995

